Project types that make up a transportation project list

Each "bucket" contains projects of a certain type.   Selecting projects from each bucket give a transportation network that has a level of service and a cost.
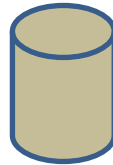
A
Crosswalks and , sidewalks, lighting, etc

B
Safe School routes

C
Walking environment and policies

D
Greenway/trails

E
On street bike lanes
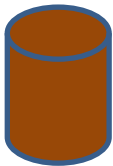
F
Biking environment and policies

G
Adds bus service/Rides hare/TDM

H
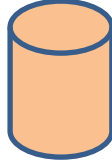Improves transit speed and reliability

I
Improves passenger environment

J
Construction of new capacity

K
Non capacity improvement

L
Safety

M
Neighborhood streets

O
Accessibility

N
Maintenance

First approach project based discussed at January TC meeting

1

3

A ranked list of projects

Project list by score	
Project Name	Score

All kinds of projects
pour in here

2

Set of criteria to rank
projects

Outcome: Project list

4 Projects are combined
into packages that make
sense together

Revised approach more network based

Prior to ranking, project buckets are combined into groups by mode. The groups make sense as a network. Ranking is by mode group.

Walk

A
Crosswalks and , sidewalks, lighting, etc

B
Safe School routes

C
Walking environment and policies

Bike

D
Greenway /trails

E
On street bike lanes

F
Biking environment and policies

Transit

G
Adds service/Rides hare/TDM

H
Improves transit speed and reliability

I
Improves passenger environment

Auto

J
Construction of new capacity
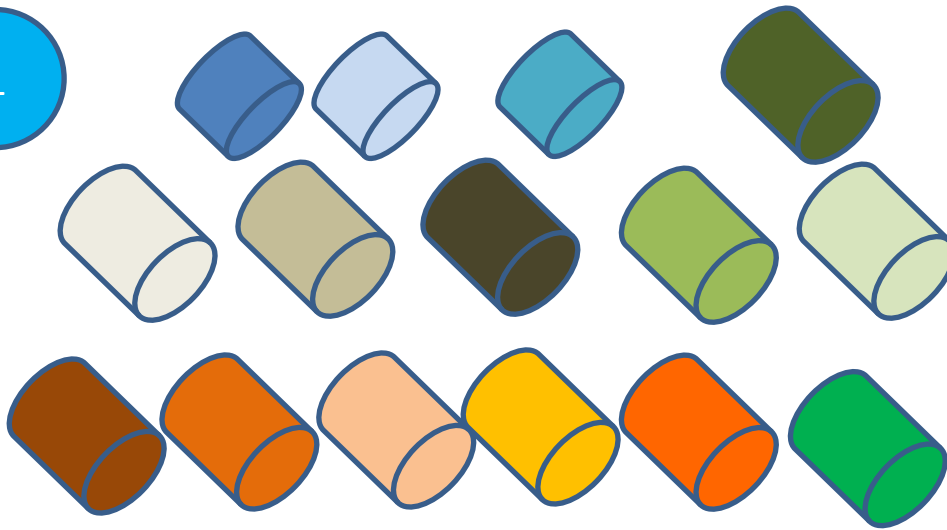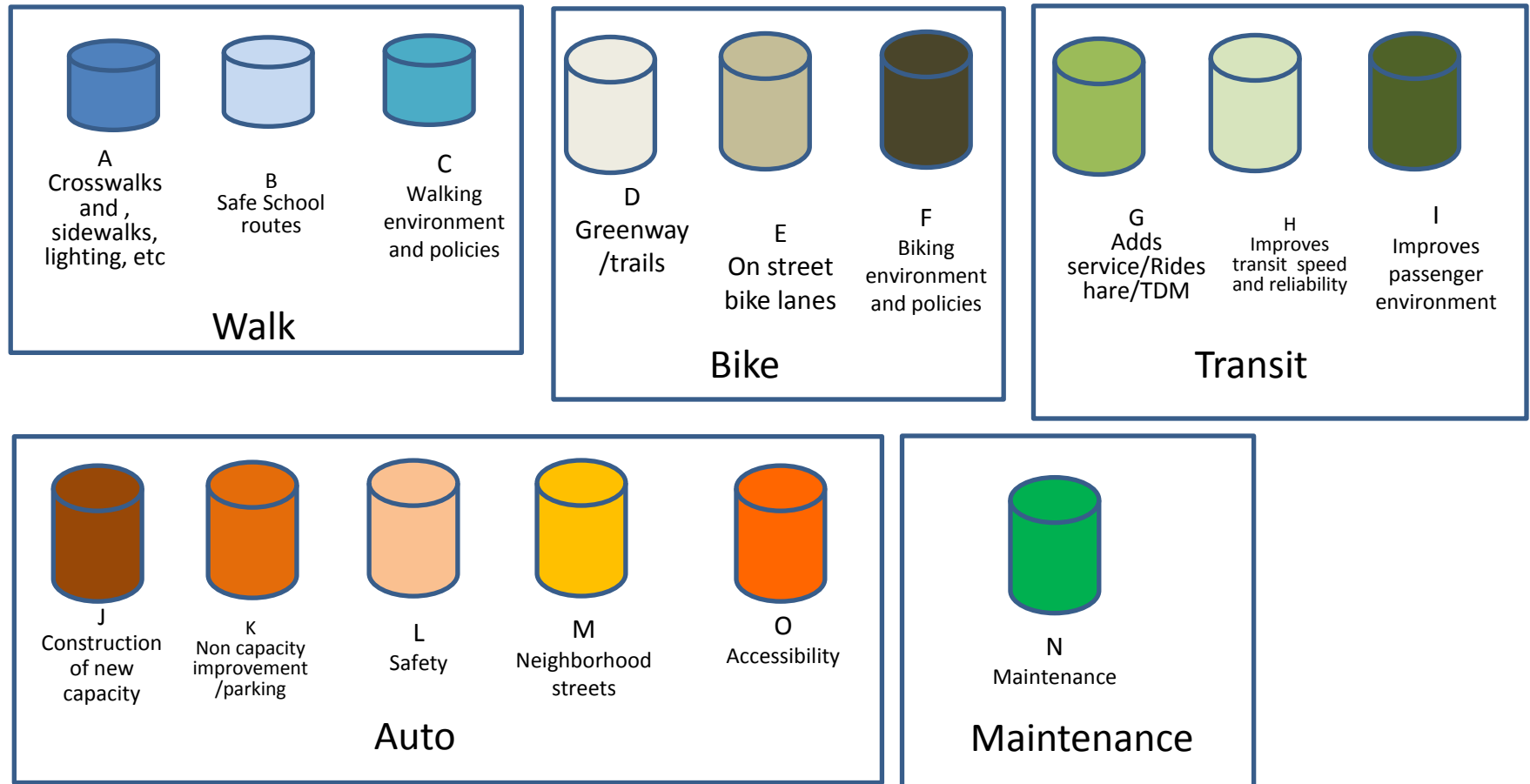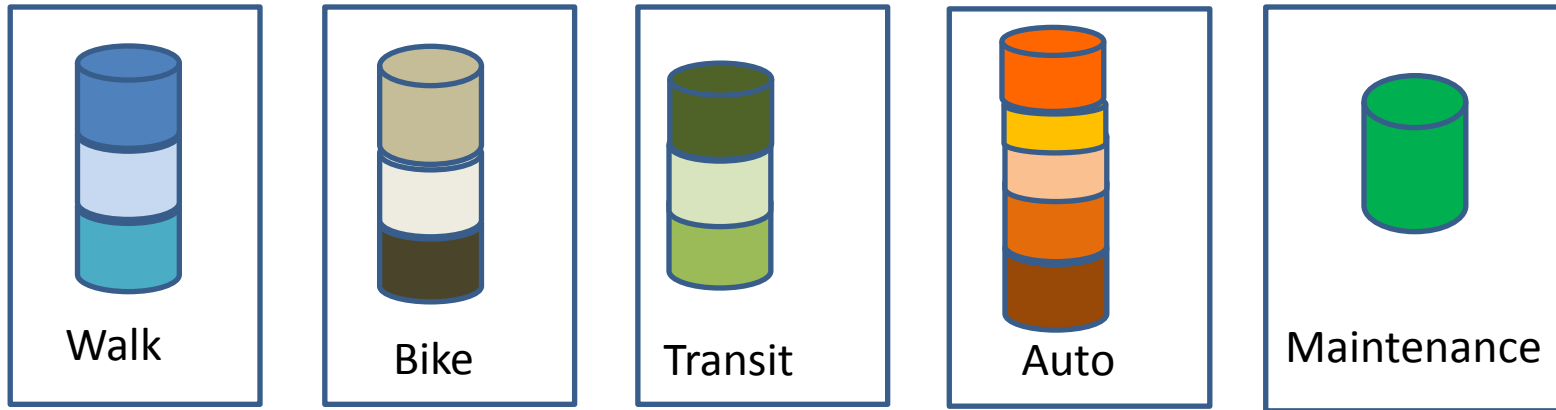
K
Non capacity improvement /parking

L
Safety

M
Neighborhood streets

O
Accessibility

Maintenance

N
Maintenance

Make choices from project groups

Projects are ranked within buckets

Walk   Bike   Transit   Auto   Maintenance

Projects are selected from groups that make sense to assemble a complete network
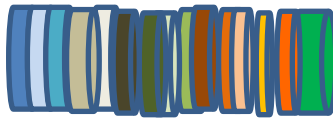
The network can be represented by the stack above. It has a certain cost and a certain level of service depending on which projects are selected from each bucket and each group.

Generic mode group sheet
Each Mode has its own project sources and ranking criteria

Types of projects

- Coordinate with Goals and Policies to make sure that the right project types are here.

Sources

- Suggest a project is used for almost all modes
- Consider Goals and policies to get the right sources.

Ranking Criteria

- Readily available
- Quantitative
- separates projects
- Reflects Goals and policies

Goals and Policies

- Make sure that project types, Sources and criteria meet the Goals and Policies

Walk

Types of projects	Sources	Ranking Criteria

✓ Suggest a project

A Crosswalks and, sidewalks, lighting, etc.

- ✓ Missing sidewalks
- • Crosswalks that need improvement
- ✓ Crosswalks that need lighting
- ✓ Places where we have crash experience
- • A set of projects that connect to regional transit
- • Lakeshore promenade i.e. boardwalk

- ✓ Specific safety: based on crash record,
- ✓ General Safety: Volume, lanes, speed based on exposure
- ✓ Connectivity: Proximity to Parks, Transit, Commercial, schools ATP score
- ✓ Leads to CKC or is on CKC or Lakeshore or direct to regional trans
- • Cost considerations

B Safe School routes

- ✓ Safe school walk routes that need completion

Draft Goal and Policy
Need a project type or a criteria for each policy

Goal T-1.1 - Form a safe network of sidewalks, trails and crosswalks where walking is comfortable and the first choice for many trips.

Draft Policies
- ✓ Measure and improve the safety of walking in Kirkland.
- ✓ Make getting around Kirkland on foot intuitive.
- ✓ Prioritize sidewalk construction in a manner that supports other goals in the Plan
- ✓ Develop world-class walking facilities along the Cross Kirkland Corridor and the shore of Lake Washington with ample connections to the rest of Kirkland
- ✓ Identify and remove barriers to walking
- ✓ Make it safer and easier to walk to school
- ✓ Improve street crossings
- ✓ Focus on regional transportation as a key destination for walking

C Walking environment and policies

- • Promotion
- • Maps
- • Wayfinding
- • Get trash cans out of sidewalks

Bikes

Types of projects

D
Greenway/off street

E
On street bike lanes

F
Biking environment and policies

Sources

- ✓ Suggest a project

- ✓ Kirkland Greenway map
- ✓ Our adds to a greenway map
- • CKC master plan

- ✓ Existing bike network from ATP
- ✓ Bike network for the new neighborhoods
- • Places where we have safety issues
- • Projects that reduce on street stress
- • Intersection connection set
- • Connections to Transit

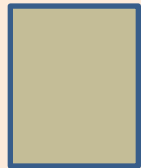- • Add signing, improve marking
- • Parking
- • Wayfinding
- • Counts

Ranking

- • Specific safety: based on crash record,
- ✓ General Safety: Stress levels
- ✓ Leads to CKC or is on CKC or Lakeshore or direct to regional trans
- • Cost considerations
- • Completes greenway or trail link; fills gap
- ✓ Crosses arterial
- • Adds connectivity where there's not much
- • Cost considerations

Draft Goal and Policy
Need a project type or a criteria for each policy

Goal T-1.2 Interconnect bicycle facilities that are safe, nearby, easy to use and popular with people of all ages and abilities.

Policies
- ✓ Create and improve on-street bike facilities
- ✓ Build a network of greenways
- ✓ Support facilities that make cycling easier
- ✓ Make it easy to navigate the bicycle network
- ✓ Measure bicycle use and safety
- ✓ Make the Cross Kirkland Corridor an integral part of the bicycle network and connect it to the region

Schedule

- March TC meeting
  - Projects further developed
  - Finance information
  - Also revised goals and policies based on 1/7
  - Ready for 4/15 Council meeting
  - Game plan for 4/26